Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 16 Sep 2023 until 23:59 on Sunday 17 Sep 2023

Forecast Issued on Saturday 16 Sep 2023 at 01:03

Confidence: High for a cloudy day Saturday with rain and drizzle, likely persistent in places. Low confidence in any rain or thundery shower detail specific for the Peak District Sunday, but good confidence in the broad story of thundery showers spreading north across the UK. High confidence for a breezy day Monday with sunshine and showers. Confidence falls to Low again for the further rain and strong winds Tuesday and Wednesday.

Headline for Saturday 16 Sep 2023: Cloudy with outbreaks of drizzle easing. Some afternoon brighter spells possible.

Mountain weather hazards on Saturday 16 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG	FOG	MIST
Fog	Fog	Fog	Fog	Fog	Mist
Precipitation probability					
30%	30%	20%	10%	10%	10%

Forecast for Saturday 16 Sep 2023

Weather: Outbreaks of drizzle likely through the morning. These perhaps persistent across eastern hills for a time, before easing with brighter possible spells by the afternoon. Likely drier, but remaining rather cloudy during the evening.

Chance of cloud-free hill tops above 600m: 20% rising to 40% in east, 30% rising to 70% in west.

Low cloud and visibility: Widespread cloud obscuring hills above 500m, and some lower slopes above 300m in the east. Cloud lifting a little to around 600m during the afternoon, and becoming patchier across western hills. Moderate visibility during drier intervals but falling to poor at times in any drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 16 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 NE	14/20 NE	15/23 NE	18/25 NE	18/25 NE	18/25 NE	18/26 E
300	11/21 NE	14/23 NE	15/25 NE	16/27 NE	17/28 NE	16/26 NE	15/24 NE
Valley	13/23 NE	14/26 NE	16/28 NE	17/32 NE	17/33 NE	17/34 E	16/32 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	11/8	12/9	12/8	11/8	11/8	11/8
300	12/10	13/11	14/11	14/11	13/10	13/10	13/11
Valley	13/11	15/12	15/13	15/12	14/11	14/11	14/11
Freezing Level*	2500m	2500m	2600m	2900m	2800m	2900m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather dull morning, with persistent light rain and drizzle likely requiring waterproofs. Extensive cloud may break during the afternoon to give some clearer conditions for a time. Poor visibility means good navigational skills will be required on the highest hills.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 16 Sep 2023	0mm	0mm	0mm

Forecast for Sunday 17 Sep 2023

Weather: A cloudy start, then brightening up around the middle of the day. Heavy, potentially thundery, rain will spread north during the afternoon. Not all will see the rain, but there is the potential for torrential downpours and hail, along with strong gusty winds. Feeling humid.

Maximum wind: Easterly 25mph gusting 30-40mph. Chance sudden gusts near 50mph around thundery showers.

Chance of cloud-free hill tops above 600m: 60%

Low cloud and visibility: Widespread cloud obscuring tops at 500m during the morning, with some patches as low as 300m. Cloud breaking and clearing later in the morning, but increasing again as rain arrives later. Good visibility away from cloud, but falling to poor in any heavy showers.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 19 Celsius
At 600m: Plus 10 Celsius rising to Plus 15 Celsius
Freezing level: Above summits.

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